ABSTRACT

A portable fitness device includes a global positioning system (GPS) receiver that receives GPS signals, a wireless wide-area network transmitter supporting communication over-the-air to a wireless communication network, and a processing unit coupled to the GPS receiver and the wireless wide-area network transmitter. The processing unit receives the time-stamped waypoints from the GPS receiver and determines athletic performance information and route information from the time-stamped waypoints. The processing unit further outputs at least one of the athletic performance information and the route information to the wireless communication network during a human fitness activity via the wireless wide-area network transmitter.